

# 2018 PLAN REPORT

### Addressing the greatest challenges in our communities

Sandia National Laboratories (Sandia) is committed to being an informed, compassionate and contributing neighbor in our local communities. This commitment has been demonstrated throughout Sandia's history and is an enduring part of our future.

New Mexico faces many challenges, including the highest childhood poverty rate in the United States. According to a recent community perception survey, the biggest issue facing Albuquerque is crime,

followed by unemployment, and concerns that the educational system is poor. Lack of affordable housing and insufficient educational achievement are issues in the Bay Area near our Livermore site.

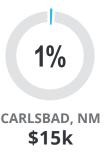
In 2018, National Technology and Engineering Solutions of Sandia contributed \$1.4M to non-profits and organizations that provide critical resources and services to address the greatest challenges in Sandia's communities.



#### By Site:









# EDUCATIONAL SUCCESS

Funded 58 programs, average grant size \$9,900



The **Big Brothers Big Sisters Mentor 2.0 program** has matched more than 100 Sandia volunteers with high school students to support high school graduation and pursuit of higher education. Sandia awarded a \$20,000 grant to this successful program.

The **Girl Scouts STEM from Girls Initiative** delivers STEM educational opportunities to middle and high school girls who aim to increase their exposure to, and interest in, STEM professions. The programs are designed to build confidence in their STEM-related abilities, and help them develop STEM-related skills. Sandia supported a \$5,000 grant and volunteers enjoyed sharing engineering activities as part of the Girl Scout Extravaganza.





Sandia is involved in many programs designed to increase the number of under-represented students who successfully pursue STEM careers. Sandia's employee resource groups have been providing STEM workshops for more than 20 years and include Manos (Hispanic), HM Tech (African American) and Dream Catchers (Native American). Sandians in NM and CA are instrumental in providing Expanding Your Horizons for young women.

As part of our commitment to educational success, Sandia provides programs to engage K-12 students in STEM (science, technology, engineering and math) careers.

- Family Science Nights
- Family Math Nights
- CSI Dognapping
- Department of Energy Science Bowls
- New Mexico Electric Car Challenge

- Manos STEM workshops for Hispanic students
- Dream Catchers STEM workshops for Native American students
- HM Tech STEM workshops for African American students

- STAR High School Fellows
- STEM Day at the Labs
- Math and Science Awards for Young Women
- Advanced CyberPatriot Camp



### COMMUNITY COMMITMENT PLAN

### FAMILY STABILITY

Funded 35 programs, average grant size \$14,000

**Roadrunner Food Bank** is New Mexico's largest food bank, helping feed 70,000 hungry people weekly. Sandia granted \$25,000 to the Childhood Hunger Initiative, which distributes food at 53 low-income schools in four Central New Mexico counties. Schools receiving food assistance report better grades, behavior and attendance. Sandia employees volunteer to sort food at Roadrunner several times a year.





Sandia provided a \$10,000 grant, in partnership with other donors, and Sandia Serves volunteers, to construct a playground for the **S.A.F.E. house**, Albuquerque's largest domestic violence shelter. Many children stay at the shelter and are not able to safely play on public playgrounds. The new playground provides a much needed area for children to play outside.

Housing insecurity creates hopelessness and compromises the well-being of affected children. Sandia has built 15 **Habitat for Humanity** homes and is looking forward to building our 16th home for a deserving family in 2019 with a \$40,000 grant and more than 300 volunteers.





The **VAMOS program at Mandy's Farm** is a job training and workforce development program designed to meet the needs of individuals with developmental disabilities who are transitioning from high school into the workforce. Sandia funded a \$10,000 grant, and Sandia employees have also volunteered at the farm.



## COMMUNITY COMMITMENT PLAN COMMUNITY LEADERSHIP









United Way of Central New Mexico Cornerstone

Memberships

**Sponsorships** 

**Administration** 

### **EMPLOYEE CONTRIBUTIONS**

In addition to Sandia's community commitment, our employees generously contribute their time, talent and treasure.







Donated **more than \$1.8M** to support the work of **United Way of Central New Mexico** and **\$2.6M** to **other nonprofits** 







Supported local children with donations of **backpacks** for military dependents in Livermore, **gifts for children** in foster care, **sporting goods** for Boys and Girls Clubs, and **summer reading books** 







Volunteered for **Sandia Serves Saturdays** and completed projects for **10 non-profits** 





## 2018 PLAN ALLOCATIONS

ENERGY

NISA

Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia, LLC., a wholly owned subsidiary of Honeywell International, Inc., for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA0003525. SAND2018-13310 R

REQUESTER	FUNDING	PROGRAM	IMPACT	CATEGORY	
TEACHER PROFESSIONAL DEVELOPMENT					
ASM Materials Education Foundation	\$10,000	Materials Camp for Teachers	Material science/chemistry professional development	Educational Success	
Environmental Education Association of NM	\$5,000	Environmental Education Teacher Preparation	Environmental education for UNM pre-service teachers	Educational Success	
Explora	\$13,600	Computer Science Week	Computer science professional development	Educational Success	
New Mexico Out of School Time Network	\$6,000	Project STEM Next	DoS Quality STEM education for out of school time providers	Educational Success	
Rio Rancho Public School District	\$10,000	Science and Math with Infinite Technology	Math, science and technology professional development	Educational Success	
University of NM Foundation	\$10,000	American Indian Educator Mentor Program	Native American students pursuing teaching degrees	Educational Success	

STEM CAREER EXPLORATION - GENERAL POPULATION					
Albuquerque Public Library Foundation	\$10,000	Coding Clubs for Kids	Free coding club for middle and high school students	Educational Success	
Big Brothers Big Sisters of Central NM	\$2,700	Discovery Festival 2018	Sandia's ANGLE - 1000+ students learn about STEM careers	Educational Success	
Brain Hackers	\$8,700	Expanding the Reach of STEM Education	STEM/Cognitive Science expansion to low income schools	Educational Success	
Carlsbad Foundation	\$4,500	Thunderbird Awards	Sandia award to local outstanding math/science students	Educational Success- Carlsbad	
Earth Force	\$9,300	Earth Force	Environmental project based learning experiences	<b>Educational Success</b>	
Explora	\$5,000	12 Months of Math	Multilingual family math programs for the public	Educational Success	
Explora	\$20,000	Family Science Nights - NM	Engage students and families in an evening of science	<b>Educational Success</b>	
Livermore Valley Education Foundation	\$28,000	Family Science Nights - CA	Engage students and families in an evening of science	Educational Success-CA	
National Atomic Museum Foundation	\$23,000	STEM Programming	Nuclear Science Week and other museum programs for Title 1 students	Educational Success	
New Mexico State University Foundation	\$22,500	NMSU Capstone Projects/K-12 Outreach	Development of a STEM talent pipeline, K-12 and collegiate levels in southern NM	Educational Success	

REQUESTER	FUNDING	PROGRAM	IMPACT	CATEGORY
Sandia National Labs - (APS Foundation)	\$5,200	STEM Programs	Supports purchase of STEM activities for employee use	Educational Success
San Ramon Valley Education Foundation	\$5,000	SRVEF Imagineering Program	Promote interest in middle and high school students to enter into STEAM careers	Educational Success-CA
Scientific Adventures	\$7,500	Family STEAM Nights	Sixteen family STEAM nights in Oakland and Emeryville in low income neighborhoods	Educational Success-CA
Tri-Valley Coder Dojo	\$5,400	Cyber Leads the Way	Supports certifications to offer advanced IT and cybersecurity to students	Educational Success-CA
Valley Children's Museum	\$7,500	Full STEAM Ahead	Portable exhibit featuring nine physics activities for grades K-6	Educational Success-CA

STEM CAREER EXPLORATION - UNDERREPRESENTED FOCUS					
Girls Scouts of NM Trails	\$5,000	STEM for Girls Initiative	Hands on STEM exploration and experimentation for girls	Educational Success	
East Bay NSBE	\$10,000	Saturday STEM and Robotics	Purchase of STEM modules and licenses for hands on projects	Educational Success-CA	
Expanding Your Horizons Network	\$10,000	San Joaquin and TriValley Expanding Your Horizons	Promote continuing development in math and science especially for women and girls	Educational Success-CA	
New Mexico Women in Science and Engineering	\$3,000	Albuquerque Expanding Your Horizons	Inspire girls to explore and participate in STEM subjects	Educational Success	
Greater Albuquerque NSBE Jr Chapter	\$15,000	Tutoring and College Prep/ACT/SAT	One-on-one tutoring for middle and high school students	Educational Success	
New Mexico State University Foundation	\$7,500	Young Women in Computing Camps	Prepares young women to pursue careers in computer science	Educational Success	
Regional Development Corporation	\$5,000	Youth Conference for Native American Students	STEAM workshops that support education for American Indian students	Educational Success	
Sandia National Labs - (APS Foundation)	\$10,400	BLC - HM Tech	Summer STEM program for middle and high school students	Educational Success	
Sandia National Labs - (APS Foundation)	\$26,200	HOLA - Manos	Weekly school year program for middle school students	Educational Success	
Sandia National Labs - (APS Foundation)	\$5,200	AIOC -DreamCatchers	STEM outreach program for middle and high school students	Educational Success	
Sandia National Labs - (APS Foundation)	\$46,800	STAR Fellowships	Summer fellowship program for underserved high school students	Educational Success	
Sodexo	\$732	Math and Science Awards	Reception to recognize local outstanding math/science female students	Educational Success-CA	

REQUESTER	FUNDING	PROGRAM	ІМРАСТ	CATEGORY
STEM COMPETITIONS				
Air Force Association	\$1,880	CyberPatriot Camp	Advanced camp to prepare for CyberPatriot competition	Educational Success
Association of Chinese-American Engineers and Scientists of NM	\$5,000	Future City	Regional engineering design for sustainable city competition	Educational Success
UC Davis Foundation	\$2,800	Additive Manufacturing and Engineering Design Challenges	Sandia award for collegiate competition	Educational Success-CA
MATHCOUNTS Foundation	\$5,000	NM MATHCOUNTS Competition	NM math competition for middle school students	Educational Success
New Mexico FIRST LEGO League	\$5,000	NM FLL Competition	NM robotics competition for middle school students	Educational Success
New Mexico MESA	\$10,000	Human Centered Engineering 2018	Science academic competition for NM MESA students	Educational Success
NM Tech	\$25,000	Science Olympiad	NM hands-on engineering competition	<b>Educational Success</b>
Sandia National Labs (Las Positas College Foundation)	\$15,000	Science Bowls - CA	CA DOE event for middle and high school students with strong academic ability in mathematics and science	Educational Success-CA
Sandia National Labs - (APS Foundation)	\$10,400	Science Bowls - NM	NM DOE event for middle and high school students with strong academic ability in mathematics and science	Educational Success
Sandia National Labs - (APS Foundation)	\$10,400	NM Electric Car Challenge	NM battery powered model car race/competition for middle school students	Educational Success
Supercomputing Challenge	\$10,000	Annual competition	NM computer science challenge for middle and high school students	Educational Success
University of NM Foundation	\$5,000	Solar Splash	Undergraduate capstone project for mechanical and electrical engineering seniors	Educational Success
University of NM Foundation	\$5,000	FSAE	Undergraduate mechanical engineering students build and race Formula1/Indycar	Educational Success
University of NM Foundation	\$10,000	UNM STEM - H Center	NM science and engineering research challenge	Educational Success

ACADEMIC SUCCESS				
Albuquerque Teachers Federation	\$10,000	Dial-A-Teacher	Provides students with access to licensed classroom teachers for homework help	Educational Success
Big Brothers Big Sisters of Central NM	\$20,000	Mentor 2.0/3.0	Provides one-on-one mentoring to at risk students	Educational Success

REQUESTER	FUNDING	PROGRAM	IMPACT	CATEGORY
Boys and Girls Clubs of CNM	\$18,000	Brain Gain	Summer program to prevent summer learning loss	<b>Educational Success</b>
Career Guidance Institute	\$10,000	Albuquerque Reads	Kindergarten students receive one-to-one reading tutoring	Educational Success
Citizen Schools	\$2,000	Afterschool program for students	Students participate in career exploration enrichment	Educational Success-CA
Horizons	\$6,000	Horizons Albuquerque Extended Education	Scholarships for student summer session for academic enrichment	Educational Success
Junior Achievement of NM	\$5,000	Career Readiness for 4/5th grade	Teach entrepreneurial skills to low income students	Educational Success
Libros for Kids	\$3,000	South Valley Communities - Child Books	Providing children's books for South Valley children	Educational Success
Pacific Chamber Orchestra	\$3,000	Educational Assemblies	The science of sound and the fundamentals of music	Educational Success-CA
San Joaquin County Hispanic Chamber Foundation	\$5,000	Student Financial Aid/College Workshop	Provide families with information and resources to complete financial aid requests	Educational Success-CA
University of NM Foundation	\$5,000	Business Plan Competition	Seven month program that helps students become entrepreneurs	Educational Success

Educational Success Total \$571,212

Average Size Of Grant \$9,848

FOOD INSECURITY				
Adelante Development Center, Inc.	\$5,000	Desert Harvest Food Rescue	Alleviate hunger in NM, provide volunteer opportunities to people with disabilities	Family Stability
Alameda Food Bank	\$4,000	Assisting families in need	Alleviate hunger in Alameda	Family Stability
High Plains Food Bank	\$500	Fall/Winter Corporate Food Drive	Alliviate hunger in the Texas Panhandle -WETL	Family Stability
Meals on Wheels of Albuquerque	\$10,000	LIFE Program	Provide prepared meals to low income clients requiring meal preparation and delivery	Family Stability
New Mexico Appleseed	\$10,000	Food and Housing Security Project	Address hunger and homelessness for ABQ children	Family Stability
Rio Grande Food Project	\$25,000	Food Distribution Program	Provide free food to low income households	Family Stability
Roadrunner Food Bank, Inc.	\$25,000	Childhood Hunger initiative	Provide low income schools food for families	Family Stability

REQUESTER	FUNDING	PROGRAM	IMPACT	CATEGORY
Santa Fe Community Foundation	\$2,500	MoGro Sliding Scale Food Program	Food insecurity, providing fresh local food on sliding scale fee	Family Stability
St. Felix Pantry, Inc.	\$15,000	Food Rescue Program	Providing food and clothing to people in need in Sandoval County	Family Stability
Storehouse of New Mexico	\$5,000	Food Distribution/ Food Education	Provide fresh food and nutrition educations to modest income families on Albuquerque's west side	Family Stability

STABLE HOUSING				
Barrett Foundation, Inc.	\$5,000	Barrett House Shelter	Provide emergency housing and case management for women and children	Family Stability
Catholic Charities	\$25,000	Proyecto La Luz/Project the Light Program	Provide housing assistance and case management	Family Stability
Family Promise of Albuquerque, Inc.	\$25,000	Family Promise Program	Tranistion families experiencing homelessness to sustainability	Family Stability
Greater Albuquerque Habitat for Humanity	\$40,000	Mesa del Rio Homes, Phase III	Eight home Mesa del Rio Phase III	Family Stability
Heading Home	\$25,000	Family Welcome Home Fund	Case management to families experiencing homelessness	Family Stability
Ronald McDonald House Charities of New Mexico	\$5,700	Lodging Program	Provide lodging, comfort and care to families with ill children	Family Stability
Saranam, LLC	\$15,000	Transitional Housing Program	Provide housing, education and supportive services to families experiencing homelessness	Family Stability
The Salvation Army of Albuquerque	\$10,000	Emergency Rental Assistance Program	Emergency Rental Assistance to maintain permanent housing	Family Stability

WORKFORCE DEVELOPMENT				
CNM Foundation	\$25,000	Suncat Scholars	Suncat Scholars is designed to increase academic success for low income, non traditional students	Family Stability
Mandy's Farm	\$10,000	VAMOS Program	Increases job skills, exploration and training for people with disabilities	Family Stability
Reading Works, Inc.	\$7,500	Adult Literacy Equals Strong Families	Empowering adults with literacy and language skills	Family Stability

REQUESTER	FUNDING	PROGRAM	ІМРАСТ	CATEGORY
St. Martin's HopeWorks	\$25,000	Project End Homelessness	Provide homeless with meals, showers, clean clothing, bus passes, employment assistance and behavioral/mental health	Family Stability

BUILDING CHILD/FAMILY RESILIENCY				
All Faiths	\$25,000	Family Wellness	Prevention of child abuse and treatment toward trauma recovery	Family Stability
Children's Grief Center of New Mexico	\$10,000	Peer Support Groups	Grief groups for children, teens, young adults and caregivers	Family Stability
Common Bond of New Mexico Foundation	\$5,000	U-21 Safety Net Project	Help reverse negative life experiences for at-risk LGBTQ youth	Family Stability
New Day Youth & Family Services	\$15,000	Bridge to Adulthood Program	Transitional housing for disconnected and homeless youth	Family Stability
New Mexico Child Advocacy Networks	\$10,000	Back on Track	Assist young people from foster care and juvenile justice systems by address homelessness, education and employment	Family Stability
New Mexico Dream Center	\$3,000	The Harbour Program	Serve homeless, trafficked and sexually exploited youth	Family Stability
New Mexico Kids Matter, Inc.	\$25,000	CASA Program	Advocating for safety and well-being of foster children	Family Stability
S.A.F.E. House	\$10,000	Playground Network	Playground for children at shelter	Family Stability
Susan's Legacy Charity	\$12,000	Save a Woman, Save a Family	Provides services to women with mental health and substance abuse disorders	Family Stability
TenderLove Community Center, Inc.	\$15,000	Empowerment for Self-Sufficiency	Provides job training, mentoring and support services to break the cycle of poverty	Family Stability
Tri-Valley Non-Profit Alliance	\$6,000	Tri-Valley Connections	Provide early literacy and language to young children promoting school readiness	Family Stability - CA
United Way of Bay Area	\$5,000	Support for California wildfires	Support families affected by 2018 wildfires in CA	Family Stability - CA
WESST (Women's Economic Self-Sufficiency Team Corp)	\$50,000	Individual Development Accounts (Enhancing Financial Stability for Low-Income Families)	Financial support/literacy training that results in assets to support purchasing a first time home, small business or education	Family Stability

Family Stability Total

\$511,200

Average Size Of Grant

\$14,605